

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	13	("5553851"   "5823874"   "5848932"   "5871398"   "5882261"   "5984782"   "6089978"   "6105962"   "6168520").PN. OR ("6899625").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 08:18
L3	190	273/ 142R,143A,142B,142H,142HA.ccls. AND @ad<="20030730"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 08:38
L4	22	("1550101"   "1617831"   "2095367"   "2370229"   "3716237"   "3746344"   "4674748"   "4721309"   "4886271"   "4984796"   "5118110").PN. OR ("5232222").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 09:04
L5	54	("2333002"   "3091388"   "3272511"   "3735982"   "3796433"   "3819186"   "3876208"   "3889956"   "4017081"   "4052057"   "4560161"   "4560171"   "4848768"   "5014991").PN. OR ("5188363").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 09:15
L6	12	("0696735"   "2283583"   "3896574").PN. OR ("5096196").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 09:39
L7	8	("1474488"   "1532160").PN. OR ("4509754").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 09:55
L8	16	("0658358"   "1049997"   "1617831"   "1696359"   "1892664"   "2138821"   "2565557").PN. OR ("3941389").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:05
L9	17	("0739201"   "0809294"   "1662503"   "1728630"   "2441074"   "2988822"   "3199227").PN. OR ("3804419").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:08
L10	32	273/ 142B.ccls. AND @ad<="20030730"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:12
L11	104	273/ 141R,141A.ccls. AND @ad<="20030730"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:14
L12	16	("1540288"   "2339351"   "2462507"   "2587242"   "2608410"   "3117790").PN. OR ("6059290").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:18
L13	3	("1540288").URPN.	USPAT	AND	ON	2008/03/31 10:19
L14	473	273/ 139.ccls. AND @ad<="20030730"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	AND	ON	2008/03/31 10:24
L15	91	L14 AND ((set OR fixed OR stationary) WITH (position OR location OR place))	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	AND	ON	2008/03/31 10:25
L16	355	273/ 237.ccls. AND @ad<="20030730"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	AND	ON	2008/03/31 10:31

L17	43	273/ 143B.ccls. AND @ad< = "20030730"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/03/31 10:33
L18	84	273/ 142D, 142E, 142F, 142G.ccls. AND @ad< = "20030730"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/03/31 10:35
L19	17	("1300315"   "1578412"   "1670692"   "1838398"   "3090623"   "D089120").PN. OR ("4077631").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:41
L20	443	273/ 138.1.ccls. AND @ad< = "20030730"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2008/03/31 10:45
L21	5174	463/ 16-20.ccls. OR 273/ 138.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:51
L22	2667	L21 AND @ad< = "20030730"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:51
L23	49	L22 AND (random\$2 WITH select WITH (space OR area))	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:51
L24	79	L22 AND (random\$2 WITH select WITH indicator)	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:53
L25	66	("2003060254"   "4182515"   "4624459"   "4695053"   "4991848"   "5046737"   "5092598"   "5116055"   "5380007"   "5449173"   "5456465"   "5542669"   "5611535"   "5647798"   "5711525"   "5743524"   "5788573"   "5833538"   "5855514"   "5873781"   "5997401"   "6004207"   "6015346"   "6016338"   "6089976"   "6033307"   "6045129"   "6059289"   "6089976"   "6089977"   "6093102"   "6102798"   "6159097"   "6120031"   "6126542"   "6149156"   "6159097"   "6159098"   "6165070"   "6174235"   "6186894"   "6190254"   "6190255"   "6217448"   "6224483"   "6231442"   "6231445"   "6234897"   "6261177"   "6270409"   "6309300"   "6312334"   "6315664"   "6319124"   "6346043"   "6364766"   "6364767"   "6368218"   "6398645"   "6439995"   "6443837"   "6464582"   "6511375"   "6592457"   "6602137"   "6607437"   "6688977"   "6749504").PN. OR ("7182689").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:54
L26	45	("4182515"   "5046737"   "5449173"   "5647798"   "5743524"   "5788573"   "5997401"   "6004207"   "6016338"   "6033307"   "6045129"   "6059289"   "6089976"   "6089977"   "6093102"   "6102798"   "6126542"   "6149156"   "6186894"   "6190255"   "6224483"   "6270409"   "6439995").PN. OR ("6595854"). URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 10:57
L27	22	("4182515"   "5046737"   "5449173"   "5647798"   "5743524"   "5788573"   "5997401"   "6004207"   "6016338"   "6033307"   "6045129"   "6059289"   "6089976"   "6089977"   "6093102"   "6102798"   "6126542"   "6149156"   "6186894"   "6190255"   "6224483"   "6270409").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 11:09

L28	76	L22 AND (multiple WITH (selection OR award) WITH group)	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 11:13
L29	5	"656702".ap.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 11:15
L31	1	("6511375").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/03/31 11:19
L32	41	("4775155"   "5046737"   "5342047"   "5380007"   "5536016"   "5855514"   "5984781"   "6015346"   "6033307"   "6089976"   "6102798"   "6159097"   "6174235"   "6190254"   "6190255"   "6231442"   "6261177"   "6312334"   "6315664"   "6346043"   "6347996"   "6364767"   "6368218"   "6390300"   "6398645"   "6435500").PN. OR ("6511375"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 11:20
L33	16	("3975022").PN. OR ("5106091").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 11:30
L34	72	(US-20030064773-\$ or US-20040183251-\$ or US-20040018866-\$ or US-20040017041-\$ or US- 20040014517-\$ or US-20040155399-\$ or US- 20040150161-\$ or US-20030178768-\$ or US- 20020045475-\$).did. or (US-6224483-\$ or US- 6705944-\$ or US-7300348-\$ or US-6663488-\$ or US-6645071-\$ or US-6605000-\$ or US-6585591- \$ or US-6572473-\$ or US-6561512-\$ or US- 6398644-\$ or US-6364767-\$ or US-7306520-\$ or US-7226357-\$ or US-D512465-\$ or US-D503951- \$ or US-6105962-\$ or US-7331861-\$ or US- 6974129-\$ or US-6715756-\$ or US-6537152-\$ or US-6336863-\$ or US-5584763-\$ or US-6213876- \$ or US-6162121-\$ or US-6113098-\$ or US- 7226358-\$).did. or (US-7153209-\$ or US- 7021624-\$ or US-6988731-\$ or US-6976676-\$ or US-6899625-\$ or US-6598877-\$ or US-5553851- \$ or US-6923441-\$ or US-6855056-\$ or US- 5096196-\$ or US-4732386-\$ or US-5848932-\$ or US-7311604-\$ or US-6168520-\$ or US-6089978- \$ or US-6719290-\$ or US-6663106-\$ or US- 6536766-\$ or US-6217022-\$ or US-5636838-\$ or US-5232222-\$ or US-5118110-\$ or US-4674748- \$ or US-2095367-\$ or US-6059658-\$ or US- 5839955-\$ or US-2283583-\$).did. or (US- 0696735-\$ or US-4509754-\$ or US-4492378-\$ or US-2565557-\$ or US-3817532-\$ or US-3804419- \$ or US-6059290-\$ or US-4077631-\$ or US- 6439995-\$).did. or (WO-8702592-\$).did.	US-PGPUB; USPAT; EPO	AND	ON	2008/03/31 12:03
L35	17	L34 AND (rotat\$3 WITH indicator)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/03/31 12:03
L36	10	L34 AND (move WITH indicator)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2008/03/31 12:05
L37	74	("5584763"   "5848932"   "5947820").PN. OR ("6336863").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/31 12:07

S1	1	("6364767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 14:02
S2	209	("1527929"   "20020045475"   "20020072402"   "20020137559"   "20020142822"   "20020151350"   "20020155883"   "20020187827"   "20030013514"   "20030027628"   "20030036420"   "20030040355"   "20030040360"   "20030045338"   "20030045344"   "20030045348"   "20030045350"   "20030060260"   "20030064773"   "20030064795"   "20030087693"   "20030157982"   "20030211880"   "20040009805"   "20040023708"   "20040106444"   "3642287"   "4198052"   "4448419"   "4508357"   "4560161"   "4582324"   "4624459"   "4695053"   "4775155"   "4838552"   "4991848"   "5085436"   "5102134"   "5178390"   "5205555"   "5308065"   "5324041"   "5332228"   "5342047"   "5393061"   "5423539"   "5431408"   "5449173"   "5456465"   "5524888"   "5536016"   "5542669"   "5560603"   "5569084"   "5584764"   "5609524"   "5611535"   "5711525"   "5722891"   "5769716"   "5772509"   "5775392"   "5788573"   "5810361"   "5823573"   "5823874"   "5833537"   "5833538"   "5848932"   "5851148"   "5873781"   "5882261"   "5902184"   "5911418"   "5919091"   "5927714"   "5935002"   "5947820"   "5951397"   "5964463"   "5967894"   "5980384"   "5984781"   "5988643"   "5989121"   "5996997"   "5997400"   "5997401"   "6004207"   "6015346"   "6019369"   "6033307"   "6056642"   "6059289"   "6059658"   "6062980"   "6089976"   "6089977"   "6089978"   "6093102"   "6102798"   "6105962"   "6120031"   "6126541"   "6126542"   "6129355"   "6142873"   "6142874"   "6142875"   "6146271"   "6146273"   "6149156"   "6149157"   "6155925"   "6159095"   "6159096"   "6159097"   "6159098"   "6162121"   "6164652"   "6168520"   "6168523"   "6173955"   "6174233"   "6174235"   "6186894"   "6190254"   "6190255"   "6203429"   "6210279"   "6213876"   "6220959"   "6224483"   "6227969"   "6227971"   "6231442"   "6231445"   "6234897"   "6251013"   "6261177"   "6270409"   "6299165"   "6299170"   "6302398"   "6302790"   "6305686"   "6309299"   "6309300"   "6311976"   "6312334"   "6315663"   "6315664"   "6319124"   "6322078"   "6328649"   "6336860"   "6346043"   "6347996"   "6358144"   "6364766"   "6364767"   "6375187"   "6375570"   "6394902"   "6398218"   "6398644"   "6406369"   "6413160"   "6413161"   "6413162"   "6419579"   "6435511"   "6439943"   "6439993"   "6439995"   "6443452"   "6443837"   "6454266"   "6461241"   "6464582"   "6491584"   "6494454"   "6494785"   "6506117"   "6506118"   "6514141"   "6561512"   "6561899"   "6569015"   "6575830"   "6585591"   "6595854"   "6599192"   "6604740"   "6605000"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/08/09 14:34

		"6616142"   "6620045"   "6632139"   "6632141"   "6648754"   "6659864"   "6663488"   "6692355"   "6722981").PN.				
S3	6	"201540".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/08/09 15:45
S4	4	"210540".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/08/09 14:36
S5	226	kaminkow.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/08/09 14:44
S6	1	("6569015").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 14:44
S7	85	("3633915"   "4448419"   "4582324"   "4624459"   "4695053"   "4991848"   "5178390"   "5205555"   "5342047"   "5382023"   "5456465"   "5524888"   "5536016"   "5542669"   "5560603"   "5584763"   "5611535"   "5711525"   "5769716"   "5772509"   "5775692"   "5788573"   "5823874"   "5833538"   "5848932"   "5851147"   "5851148"   "5873781"   "5882261"   "5902184"   "5911418"   "5947820"   "5951397"   "5964463"   "5967894"   "5980384"   "5984781"   "5997400"   "5997401"   "6004207"   "6015346"   "6019369"   "6033307"   "6056642"   "6059289"   "6059658"   "6062980"   "6068552"   "6089976"   "6089977"   "6089978"   "6093102"   "6102798"   "6120031"   "6126541"   "6126542"   "6142873"   "6142874"   "6142875"   "6146270"   "6146273"   "6159095"   "6159096"   "6159097"   "6159098"   "6162121"   "6168520"   "6168523"   "6173955"   "6174233"   "6174235"   "6190254"   "6190255"   "6203429"   "6210279"   "6213876"   "6224483"   "6231442"   "6231445"   "6261177"   "6302790"   "6305686"   "6309300"   "6328649"   "6375187").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/08/09 14:45
S8	2	((("6626758") or ("6705944")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 14:54
S9	1	("5996997").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 14:54
S10	34	463/22.CCLS. AND (@ad<="20050430") AND (ball WITH (generate OR draw))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/08/09 15:46

S11	92	("0413733"   "0450484"   "0583655"   "0819708"   "1064047"   "1067700"   "1143558"   "1357719"   "1494255"   "1567263"   "3166949"   "3318169"   "3525270"   "3548673"   "3655302"   "4509754"   "4693477"   "4711452"   "5135224"   "5188363"   "5553851"   "5609524"   "5656901"   "5683296"   "5752881"   "5839957"   "5848932"   "5851148"   "5951398"   "6027115"   "6050895"   "6059658"   "6105962"   "6129632"   "6135884"   "6224483"   "6234897"   "6267669"   "6270412"   "6302790"   "6334814"   "6336863"   "6368216"   "6439995"   "6446965"   "6450884"   "6471208"   "6482089"   "6491584").FN. OR ("6705944").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 12:33
S12	82	("1527929"   "20020137559"   "20030036420"   "20030045338"   "20030064773"   "20030144048"   "3152805"   "3376041"   "3640536"   "3642287"   "4508357"   "4560161"   "4695053"   "4775155"   "5324041"   "5401024"   "5584764"   "5609524"   "5722891"   "5919091"   "5927714"   "5935002"   "5988643"   "5989121"   "5996997"   "5997401"   "6015346"   "6033307"   "6068552"   "6089976"   "6093102"   "6102798"   "6105962"   "6126542"   "6129355"   "6135882"   "6135885"   "6146271"   "6149156"   "6149157"   "6159097"   "6159098"   "6164652"   "6174235"   "6190254"   "6190255"   "6227969"   "6227971"   "6231442"   "6234897"   "6261177"   "6309299"   "6312334"   "6315664"   "6319124"   "6336860"   "6346043"   "6347996"   "6364766"   "6364767"   "6398644"   "6406369"   "6413160"   "6443837"   "6464582"   "6485367"   "6506117"   "6561512"   "6572471"   "6572473"   "6585591"   "6605000"   "6626757"   "6644664"   "6645071"   "6663488"   "6705944"   "6942567").FN. OR ("7300348").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 12:35
S13	72	("4695053"   "5159098"   "5401024"   "6059658"   "6089976"   "6105962"   "6117009"   "6168523"   "6174234"   "6190255"   "6203428"   "6203429"   "6231442").FN. OR ("6364767").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 13:55
S14	102	("0887464"   "1138865"   "1376199"   "1474488"   "1537236"   "1977814"   "2081255"   "3166323"   "3843131"   "3853324"   "4732386"   "5096196"   "5102135"   "5513846"   "5553851"   "5823874").FN. OR ("6105962").URFN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:03
S15	92	("20010024971"   "20020094861"   "20020094862"   "20020142829"   "20030078089"   "20030232643"   "20040000754"   "20040012145"   "20040014516"   "20040014517"   "20040017041"   "20040018866"   "20040026854"   "20040036218"   "20040038726"   "20040041340"   "20040150161"   "20040155399"   "20040183251"   "20050054422"   "4410178"   "4695053"   "4732386"   "5058893"   "5152529"   "5364100"   "5395111"   "5449173"   "5560603"   "5584763"   "5584764"   "5609524"   "5622366"   "5664998"   "5722891"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:03

		"5743526"   "5752881"   "5823872"   "5823874"   "5848932"   "5863249"   "5882261"   "5885157"   "5911418"   "5927714"   "5976015"   "5984782"   "6004207"   "6039649"   "6059658"   "6062979"   "6086066"   "6089977"   "6089978"   "6105962"   "6113098"   "6142873"   "6142874"   "6159098"   "6162121"   "6173955"   "6203429"   "6213876"   "6220593"   "6224483"   "6227970"   "6251013"   "6254481"   "6267669"   "6270411"   "6302790"   "6305686"   "6315663"   "6336863"   "6340158"   "6368216"   "6386974"   "6398220"   "6419579"   "6461241"   "6481713"   "6533660"   "6537152"   "6582307"   "6609972"   "6712694"   "6715756"   "6974129"   "D406865"   "D441031"   "D443313"   "D465531").PN. OR ("7331861").URPN.				
S16	4	("2004/0183251").URPN.	USPAT	AND	ON	2008/03/28 14:04
S17	97	("20010024971"   "20020094861"   "20020094862"   "20020142829"   "20030078089"   "20030232643"   "20040000754"   "20040012145"   "20040014516"   "20040014517"   "20040017041"   "20040018866"   "20040026854"   "20040036218"   "20040038726"   "20040041340"   "20040053671"   "20040150161"   "20040155399"   "20040183251"   "2545644"   "3975022"   "4410178"   "4695053"   "4732386"   "5058893"   "5152529"   "5364100"   "5395111"   "5449173"   "5560603"   "5584763"   "5584764"   "5609524"   "5622366"   "5664998"   "5722891"   "5743526"   "5752881"   "5823872"   "5823874"   "5848932"   "5863249"   "5882261"   "5885157"   "5911418"   "5927714"   "5976015"   "5984782"   "6004207"   "6039649"   "6059658"   "6062979"   "6086066"   "6089977"   "6089978"   "6105962"   "6113098"   "6142873"   "6142874"   "6159098"   "6162121"   "6173955"   "6203429"   "6213876"   "6220593"   "6224483"   "6227970"   "6251013"   "6254481"   "6267669"   "6270411"   "6302790"   "6305686"   "6315663"   "6336863"   "6340158"   "6368216"   "6386974"   "6398220"   "6419579"   "6461241"   "6481713"   "6533660"   "6537152"   "6582307"   "6609972"   "6712694"   "6715756"   "D400597"   "D402702"   "D406865"   "D441031"   "D443313"   "D465531").PN. OR ("6974129").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:05
S18	102	("0887464"   "1138865"   "1376199"   "1474488"   "1537236"   "1977814"   "2081255"   "3166323"   "3843131"   "3853324"   "4732386"   "5096196"   "5102135"   "5513846"   "5553851"   "5823874").PN. OR ("6105962").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:19

S19	43	("0241691"   "1524598"   "2245156"   "3531114"   "3610628"   "3825265"   "3982764" "4095795"   "4152867"   "4333237"   "4340373"   "4458899"   "4508352"   "4542688" "4767117"   "4865324"   "4902230"   "5106091"   "5221093"   "5553851"   "5574268" "5601385"   "5636838"   "5749576"   "5839955"   "6047965"   "6095818"   "6105962" "6129355"   "6209869"   "6497409"   "6561512"   "6598877"   "6705944"   "6802507" "6877345"   "6899625"   "D342547"   "D404084").PN. OR ("6976676").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:23
S20	49	S18 NOT (IGT.as.)	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:30
S21	49	S14 NOT (IGT.as.)	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:30
S22	43	("0241691"   "1524598"   "2245156"   "3531114"   "3610628"   "3825265"   "3982764" "4095795"   "4152867"   "4333237"   "4340373"   "4458899"   "4508352"   "4542688" "4767117"   "4865324"   "4902230"   "5106091"   "5221093"   "5553851"   "5574268" "5601385"   "5636838"   "5749576"   "5839955"   "6047965"   "6095818"   "6105962" "6129355"   "6209869"   "6497409"   "6561512"   "6598877"   "6705944"   "6802507" "6877345"   "6899625"   "D342547"   "D404084").PN. OR ("6976676").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:30
S23	5174	463/16-20.ccls. OR 273/138.1.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:32
S24	2667	S23 AND @ad<="20030730"	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:32
S25	885	S24 AND wheel	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/28 14:32

3/ 31/ 2008 12:58:30 PM

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